

Contents

<i>H.W. Nürnberg — Publications</i>	vii
Application of differential pulse anodic stripping voltammetry to the determination of heavy metals in environmental samples P. Ostapczuk, P. Valenta, H. Rützel and H.W. Nürnberg (Jülich, F.R.G.)	1
Electrochemical studies of copper and lead complexation by fulvic acid. II. A critical comparison of potentiometric and polarographic measurements D.R. Turner, M.S. Varney, M. Whitfield, R.F.C. Mantoura (Plymouth, U.K.) and J.P. Riley (Liverpool, U.K.)	17
pH and ionic strength dependence of the ASV response of cadmium, lead and zinc in solutions which simulate natural waters W. Davison (Ambleside, Cumbria, U.K.), S.J. De Mora, R.M. Harrison and S. Wilson (Lancaster, U.K.)	35
Voltammetric titrations involving metal complexes: effect of kinetics and diffusion coefficients H.P. van Leeuwen (Wageningen, The Netherlands)	45
Direct polarographic recording of metal elimination from aquatic samples by coprecipitation with ferric hydroxide F.H. Frimmel and J. Geywitz (München, F.R.G.)	57
Trace element speciation by anodic stripping voltammetry: the effects of added mercuric and acetate ions K.J. Mann and T.M. Florence (Sutherland, Australia)	67
Voltammetric study of humic and fulvic substances. V. Interpretation of metal ion complexation measured by anodic stripping voltammetric methods J. Buffle, J.J. Vuilleumier, M.L. Tercier and N. Parthasarathy (Genève, Switzerland)	75
Electrochemical micro-determinations of thallium(I) and chromium(VI) ions using DPASV and DP polarography J.L. Vandenbalck and G.J. Patriarche (Brussels, Belgium)	97
Metal ion binding by biological surfaces: voltammetric assessment in the presence of bacteria M.L.S. Goncalves (Lisbon, Portugal), L. Sigg, M. Reutlinger and W. Stumm (Zurich, Switzerland)	105
Bioaccumulation of metals by bivalves from the Limski Kanal (North Adriatic Sea). III. Copper distribution between <i>Mytilus galloprovincialis</i> (Lmk.) and ambient water D. Martincić, M. Branica (Zagreb, Yugoslavia) and H.W. Nürnberg (Jülich, F.R.G.)	121
Bioaccumulation of metals by bivalves from the Limski Kanal (North Adriatic Sea). IV. Zinc distribution between <i>Mytilus galloprovincialis</i> , <i>Ostrea edulis</i> and ambient water D. Martincić, M. Branica (Zagreb, Yugoslavia) and M. Stoeppeler (Jülich, F.R.G.)	143
Toxicity of cadmium and nitrilotriacetic acid in sea water to the photobacteria <i>Vibrio fischeri</i> M. Galić, L. Sipos and B. Raspor (Zagreb, Yugoslavia)	173
Determination of interactions of nickel with dissolved organic material in seawater using cathodic stripping voltammetry C.M.G. van den Berg and M. Nimmo (Liverpool, U.K.)	185
Distribution of heavy metals in Ligurian and Tyrrhenian coastal waters R. Breder (Jülich, F.R.G.)	197
Application of a simple sector dispersion model. I. Determination of washout rate constants of heavy metals from wet deposition data G. Dongmann, V.D. Nguyen and P. Valenta (Jülich, F.R.G.)	213

Application of a simple sector dispersion model. II. Modelling wet deposition of heavy metals in the Stolberg area (F.R.G.)	
G. Dongmann, P. Valenta and H.W. Nürnberg (Jülich, F.R.G.)	229
Wet deposition of mercury and methylmercury from the atmosphere	
R. Ahmed, K. May and M. Stoeppler (Jülich, F.R.G.)	249
The determination of trace metals in sweat by anodic stripping voltammetry	
J.L. Stauber and T.M. Florence (Sutherland, Australia)	263
<i>Author Index</i>	273
<i>Subject Index</i>	274

